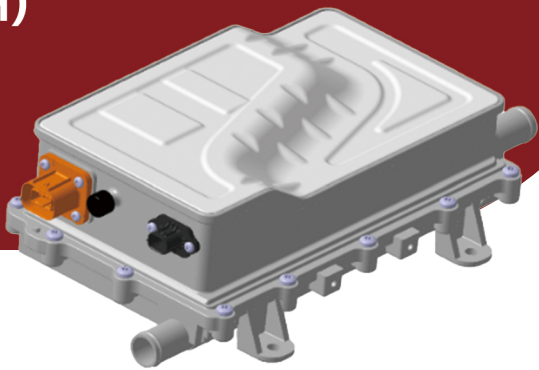


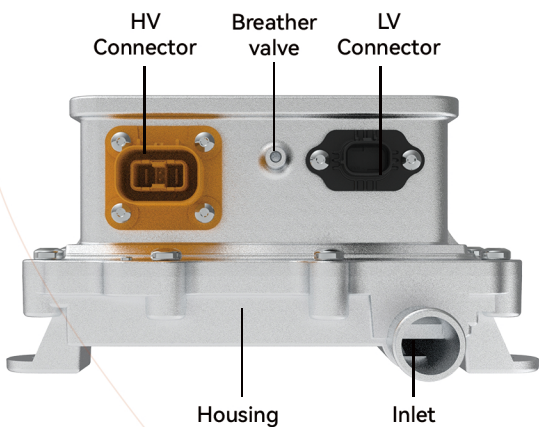
High Voltage Coolant Heater (HVCH)

F824000 Series(800V)



Characteristic Advantages

- Rare-Earth Thick Film Heating Technology.
- Customized special HVCH by customer needs.
- High efficiency, Precise temperature control, Smaller packing space requirements.
- Ultra-compact modular designing: Smaller and lighter
- Stable quality, Long service life, No power decaying.
- Small starting surge current, Small ripple current, Accurate stepless control.
- Low comprehensive energy-consumption, Increase driving mileage.
- Low overall usage cost.



Technical Parameters

Heating Power	0 ~ 24.0 (kW)	Dimensions	392x252x116 (mm)
HV Voltage Range DC	450 ~ 950 (V)	Weight	7.26 (kg)
Control Voltage	16 ~ 32 (VDC)	I/O Spigot	STD optional optional
Power Scope	10% ~ 100%		φ25(mm) NW12 NW16
Communication	LIN / CAN		
Cab Heating	YES	HV connection	TE 2420481-1
Battery Heating	YES	LV connection	Sumitomo 6188-6227
Efficiency	> 95 (%)	Temp. Sensor Outlet	x1
IP Protection Class	IP 6K9K IP 67	Temp. Sensor Inlet	x1
Electrical safety	ISO 6469 Part 3	Ground Stud	M6